

Week 4 - TL EXCEEDANCES

HW-03

Ex. 6 -- Personal Privacy

	Analyte		Result	Trigger
	methane	Wellhead	15,000 ug/L	28,000 ug/L
		Wellhead - dup	28,000 ug/L	
EPA Alt. Water	No			
Cabot Alt. Water	No-Cabot previously provided water, then Seirra Club, now from other sources in creek?			
Treatment	No (However, the well which is located in the basement, is entered to outside)			
Proposed EPA Water	?			
Proposed 2nd Sampling	?			

HW-57

Ex. 6 -- Personal Privacy

	Analyte		Result	Trigger
	iron	Wellhead	11,200 ug/L	11,000 ug/L
		Wellhead - filtered	U @ 100 ug/L	
		Tap	U @ 100 ug/L	
		Tap - filtered	U @ 100 ug/L	
	Arsenic	Wellhead	5.8 ug/L	4.5 ug/L
		Wellhead - filtered	U @ 1 ug/L	
		Tap	U @ 1 ug/L	
		Tap - filtered	U @ 1 ug/L	
EPA Alt. Water	No			
Cabot Alt. Water	No-Per well survey, Cabot previously provided water; reconditioned well in 2010			
Treatment	Yes-filter installed on well bladder in 2010 (not certain what type of filter?)			
Proposed EPA Water	?			
Proposed 2nd Sampling	?			

Week #5

HW-60 → Arsenic @ 9.3 ug/L
 Lithium @ 47.7 ug/L

Sodium = 20,300 ug/L

Sample Number	Analyte	Result	Result Units	Trigger Level	Trigger Level Units	EPA Primary MCLs	EPA Primary MCL Units	EPA Secondary MCL	EPA Secondary MCL Units	DEP Primary MCLs	DEP Primary MCL Units	DEP Secondary MCLs	DEP Secondary MCL Units
3	Vinyl acetate	0.50 U	ug/L										
3	Vinyl chloride	0.50 U	ug/L			2.00	ug/L			2.00	ug/L		
3	Xylene-o	1.00 U	ug/L			10,000.00	ug/L			10,000.00	ug/L		
3	Nitrogen, Nitrite + Nitrate	0.78	mg/L			10.00	mg/L			10.00	mg/L		
3	Total Nitrogen	1.45	mg/L										
3	Total Phosphorus as P	0.05 U	mg/L										

more than 5.0% samples total coliform-positive in a month. (For water systems that collect fewer than 40 routine sample per month, no more than one sample can be total coliform-positive per month.) Any sample that has total coliform must be analyzed for either fecal coliforms or E. coli. If two consecutive TC-positive samples, and one is also positive for E. coli fecal coliforms, system has an acute MCL violation.

PA has not established an MCL for lead or copper. Lead and copper are regulated by a Treatment Technique that requires public drinking water systems to control the corrosiveness of their water. If more than 10% of tap water samples exceed the action level, water system must take additional steps. For lead, the action level is 15 ug/L, and for copper is 1,300 ug/L.

The DEP Primary MCLs for lead (5 ug/L) and copper (1,000 ug/L) are applicable only to bottled, vended, retail and bulk water hauling systems, otherwise the DEP uses the federal action levels for lead (15 ug/L), and for copper (1,300 ug/L).

Indicates that the data has been rejected. For glycol analyses this data was rejected due to the laboratory not using a second column to confirm the identity of the compound listed. For Heterotrophic Plate Count analysis, this data was rejected due to no method blank created by the laboratory for the sample batch.

Week 1 - holding time (7 day)

- test America 9 plate used 14-day holding times

- 10 (Test America)

RL - reporting limit - based on low st2

MDL - minimum detection limit (* T factor)

MDL < RL

~~0.05~~
DL = 0.51 mg/L =
RL = 10 mg/L

0.5 - 0.6

method blank

data is being qualified; data is rejected if below the RL -

R - indicates that the data has been rejected. For glycol analyses, data with detected concentrations above the MDL and less than the RL were rejected due to the laboratory not using a second column to confirm the identity of the compound listed. For Heterotrophic plate count analysis, data were rejected if the laboratory did not run a method blank (i.e., sterility control) for each series of samples plated to determine whether the test samples could have been contaminated during analysis.